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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/825,081	04/02/2001	L. Scott Rich	RSW9-2001-0074-US1	1696

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EXAMINER

RUTTEN, JAMES D

ART UNIT	PAPER NUMBER
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2122

DATE MAILED: 12/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/825,081

Applicant(s)

RICH ET AL.

Examiner

J. Derek Rutten

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 June 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>7/2/2001</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claim 1 has been examined.

Claim Objections

2. Claim 1 is objected to because of the following informalities: A typo in the first line of the claim results in “comprising”, which should be --comprising--. Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. The claim is rejected under 35 U.S.C. 102(b) as being anticipated by “Java I/O” by Harold (hereinafter “Harold”).

Harold discloses:

A method for returning files to a user of an enterprise application (See subsection 9.3.2 in section 9.3 page 6, steps 1-11), comprising the steps of:
requesting the loading of a set of one or more files stored under a predetermined file path and name; See section 9.3, roughly the 5th paragraph:

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The ZipFile class contains two constructors. The first takes a **filename** as an argument. The second takes a java.io.File object as an argument. File objects will be discussed in Chapter 12 ; for now, I'll just use the constructor that accepts a **filename**.

Also, section 9.3 page 2 after the listing of Example 9.7:

```
% java ZipLister /usr/local/java/lib/classes.zip
```

Here, the *ZipLister* program is used with the file path */usr/local/java/lib/*, and the name *classes.zip*.

determining if the requested file set is in an archive format or a directory tree

format; See section 9.3 page 4:

getMethod() tells you whether or not the data is **compressed**; it returns if the data is **uncompressed**, 8 if it's compressed using the deflation format, and -1 if the compression format is unknown. and 8 are given as the mnemonic constants ZipEntry.STORED and ZipEntry.DEFLATED

creating a loading strategy based on said determination; See section 9.3 pages 4

and 5 for the listing of Example 9.9, particularly the code at the top of page 5:

```
if (method == ZipEntry.STORED) {
    System.out.println(name + " was stored at " + lastModified);
    System.out.println("with a size of " + uncompressedSize
        + " bytes");
}
else if (method == ZipEntry.DEFLATED) {
    System.out.println(name + " was deflated at " + lastModified);
    System.out.println("from " + uncompressedSize + " bytes to "
        + compressedSize + " bytes, a savings of "
        + (100.0 - 100.0*compressedSize/uncompressedSize) + "%");
}
else {
    System.out.println(name
        + " was compressed using an unrecognized method at "
        + lastModified);
    System.out.println("from " + uncompressedSize + " bytes to "
        + compressedSize + " bytes, a savings of "
        + (100.0 - 100.0*compressedSize/uncompressedSize) + "%");
}
System.out.println("Its CRC is " + crc);
if (comment != null && !comment.equals("")) {
```

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```
        System.out.println(comment);  
    }  
    if (ze.isDirectory()) {  
        System.out.println(name + " is a directory");  
    }  
    System.out.println();
```

This code sequence checks whether an entry is in an archive format (ZipEntry.STORED), or if it is in directory format (ze.isDirectory), and loads the relevant information based upon this determination.

creating a virtual archive using the loading strategy; and

gathering said one or more files in said set, storing them in said virtual archive,

and returning said virtual archive to said user. See the sample output of Example 9.9 on page 5 of section 9.3:

```
% java FancyZipLister temp.zip  
test.txt was deflated at Wed Jun 11 15:57:32 EDT 1997  
from 187 bytes to 98 bytes, a savings of 52.406417112299465%  
Its CRC is 1981281836  
  
ticktock.txt was deflated at Wed Jun 11 10:42:02 EDT 1997  
from 1480 bytes to 405 bytes, a savings of 27.364864864864863%  
Its CRC is 4103395328
```

This sample output shows the virtual archive as it is presented to a user of the program.

The virtual archive is a representation of the archive "temp.zip", which is a set of files stored under a predetermined file path and name.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to J. Derek Rutten whose telephone number is (571) 272-3703. The examiner can normally be reached on M-F 6:30-3:00.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

jdr



TUAN DAM
SUPERVISORY PATENT EXAMINER